

PTO/SB/21 (04-07)
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Approved for use through 09/30/2007. OMB 0651-0031

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

11-12-88

1FW

NOV 10 2008

PTO

U.S. PATENT & TRADEMARK OFFICE

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number

10/589,052

Filing Date

August 10, 2006

First Named Inventor

Kambiz Shekdar

Art Unit

1639

Examiner Name

Not Yet Assigned

Total Number of Pages in This Submission

Attorney Docket Number

CHROMO/003

ENCLOSURES (Check all that apply)

☐ Fee Transmittal Form

☐ Fee Attached

☐ Amendment/Reply

☐ After Final

☐ Affidavits/declaration(s)

☐ Extension of Time Request

☐ Express Abandonment Request

☒ Supplemental Information Disclosure Statement

☐ Certified Copy of Priority Document(s)

☐ Reply to Missing Parts/Incomplete Application

☐ Reply to Missing Parts under 37 CFR 1.52 or 1.53

☐ Drawing(s)

☐ Licensing-related Papers

☐ Petition

☐ Petition to Convert to a Provisional Application

☐ Power of Attorney, Revocation Change of Correspondence Address

☐ Terminal Disclaimer

☐ Request for Refund

☐ CD, Number of CD(s) _____

☐ Landscape Table on CD

☐ After Allowance Communication to TC

☐ Appeal Communication to Board of Appeals and Interferences

☐ Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)

☐ Proprietary Information

☐ Status Letter

☒ Other Enclosure(s) (please identify below):
Form PTO/SB/08a;
Eight (8) Cited Documents; and
Return Receipt Postcard.

Remarks

The Director is hereby authorized to charge payment of any fees required in connection with filing of these papers to Deposit Account No. 06-1075, Order No. 002298-0003.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name

Ropes & Gray LLP

Signature

Jane T. Gunnison

Printed name

Jane T. Gunnison

Date

November 10, 2008

Reg. No.

38,479

CERTIFICATE OF EXPRESS MAIL - EXPRESS MAIL LABEL NO. EM 209743010 US

I hereby certify that this correspondence is being deposited with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450:

Signature

Sarah Schlie

Typed or printed name

SARAH SCHLIE

Date

November 10, 2008

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

American LegalNet, Inc.

www.FormsWorkflow.com



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Kambiz Shekdar et al.
Application No. : 10/589,052
Filed : August 10, 2006
For : METHODS AND MATERIALS USING SIGNALING
PROBES
Group Art Unit : 1639
Examiner : Not Yet Assigned

New York, New York 10036
November 10, 2008

Mail Stop AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97, applicants make of record the following documents:*

Non-Patent Documents

CONLON et al., "Pyrene excimer signaling molecular beacons for probing nucleic acids," *Journal of the American Chemical Society* **130(1)**:336-342 (2008).

HATZAKIS et al., "Cellular HIV-1 DNA load predicts HIV-RNA rebound and the outcome of highly active antiretroviral therapy," *AIDS* **18(17)**:2261-2267 (2004).

HERDEWIJN, P., Ed., "Oligonucleotide Synthesis: Methods and Applications," *Methods in Molecular Biology* **288**, Humana Press Inc. (2005) (Table of Contents).

* A complete Form PTO/SB/08a listing these documents is attached hereto.

KRAWCZYNSKI et al., "Experimental infectivity studies of genetically engineered monoclonal hepatitis B virus (HBV) polymerase gene mutants in chimpanzees," *Hepatology* **38**(4):S1 251A (2003).

MORANDI et al., "Monitoring HCV RNA viral load by locked nucleic acid molecular beacons real time PCR," *Journal of Virological Methods* **140**(1-2):148-154 (2007).

MUKEWAR et al., "Segmentation of bionano images for understanding cell dynamics," *IEEE Engineering in Medicine and Biology Society* **3**:1759-1762 (2004).

VICENS et al., "Investigation of molecular beacon aptamer-based bioassay for platelet-derived growth factor detection," *Chembiochem* **6**(5):900-907 (2005).

ZUO et al., "A novel sandwich assay with molecular beacon as report probe for nucleic acids detection on one-dimensional microfluidic beads array," *Analytica Chimica Acta* **587**(1):9-13 (2007).

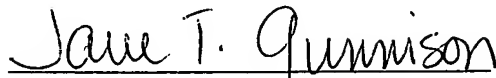
Copies of these eight documents are enclosed herewith.

Applicants respectfully request that these documents be: (1) fully considered by the Examiner during the examination of this application; and (2) printed on any patent that may issue from this application. Applicants request that a copy of the enclosed Form PTO/SB/08a, as considered and initialed by the Examiner, be forwarded to the undersigned with the next communication.

This Information Disclosure Statement is being filed before the mailing of an Office Action on the merits. Pursuant to 37 C.F.R. § 1.97(b)(3), no fee is believed to be due. However, the Director is hereby authorized to charge any fee required, or credit any

overpayment, in connection with this Statement, to Deposit Account No. 06-1075,
Order No. 002298-0003.

Respectfully submitted,

A handwritten signature in cursive script that reads "Jane T. Gunnison". The signature is written in dark ink and is positioned above a horizontal line.

Jane T. Gunnison (Reg. No. 38,479)
Attorney for Applicants
ROPES & GRAY LLP
Customer No. 1473
1211 Avenue of the Americas
New York, New York 10036
Tel.: (212) 596-9000
Fax.: (212) 596-9090